

Exploring QCD matters at high temperature and density

PRELIMINARY AGENDA

Monday

9.00am L. McLerran, Quarkionic matter in QCD and large N gauge theories 10.00am E. Braaten, HTL and EFT approaches to high T QCD

10.30am Coffee break (paid)

11.00am E. Iancu, From HTL theory to transport equations 12.00pm F. Rennecke, FRG approach to QCD phase diagram

12.30pm Lunch (on your own)

2.00pm D. Rischke, QCD at high density from color superconductivity to heavy ion collisions 3.00pm A. Dumitru, Deconfinement in QCD and Polyakov loop models

3.30pm Coffee break (paid)

4.00pm D. Teaney, Hydrodynamics in heavy ion collisions: past, present and future

5.00pm End of Day 1

6.00pm Dinner on your own

Tuesday

9.00am Z. Fodor, Lattice QCD at non-zero temperature and density 10.00am V. Skokov, chiral transition and its universality in QCD

10.30am Coffee break (paid)

11.00am M. Tytgat, Parity violation in QCD 12.00pm D. Kharzeev, Chiral magnetic in QCD and beyond

12.30pm Lunch (on your own)

2.00pm P. Nair, HTL theory in QCD and beyond 3.00pm O. Philipsen QCD transition in chiral limit

3.30pm Coffee break (paid)

4.00pm L. Glozman, QGP as a stringy fluid

5.00pm End of Day 2

6.00pm Dinner on your own

Wednesday

9.00am L. Tolos, Heavy flavor in hot hadronic matter 10.00am J. DaSilva, Heavy quark diffusion coefficient from lattice QCD

10.30am Coffee break (paid)

11.00am K. Rajagopal, TBA

12.00pm TBA, STAR results from BES program

12.30pm Lunch (on you own)

2.00pm W. Zajc, 25 years of RHIC

3.00pm M. Stephanov, Search fro the critical end-point

3.30pm Coffee break (paid)

4.00pm S. Economu, TBA

5.00pm Adjourn